

1 What is claimed is:

2 1. A method for automatically pausing a video program in response to an occurrence of
3 an event, comprising:

4 receiving a video program and outputting the video program for presentation on a
5 display device;

6 detecting occurrence of a communications event during the video program;

7 pausing the video program in response to the detection of the occurrence of the
8 communications event; and

9 outputting a signal for displaying an indication of the occurrence of the communications
10 event.

11 2. The method of claim 1 wherein the detecting step includes detecting an incoming
12 telephone call.

13 3. The method of claim 2 wherein the outputting the signal step includes outputting the
14 signal for displaying a telephone number associated with the incoming telephone call.

15 4. The method of claim 3 wherein the outputting the signal step includes outputting the
16 signal for displaying a text message associated with the telephone number.

17 5. The method of claim 3 wherein the outputting the signal step includes outputting the
18 signal for displaying a graphic associated with the telephone number.

19 6. The method of claim 1 wherein the detecting step includes detecting an incoming e-mail
20 message.

1 7. The method of claim 6 wherein the outputting the signal step includes outputting the e-
2 mail message for presentation on the display device.

3 8. The method of claim 1 wherein the detecting step includes detecting an incoming
4 message.

5 9. The method of claim 8 wherein the outputting the signal step includes outputting the
6 message for presentation on the display device.

7 10. The method of claim 1 wherein the detecting step includes detecting an incoming web
8 page.

9 11. The method of claim 10 wherein the outputting step includes outputting the web page
10 for presentation on the display device.

11 12. The method of claim 1, further including:
12 receiving a play signal to restart the video program; and
13 transmitting, in response to the play signal, the video program for presentation on the
14 display device starting at an approximate location where the video program was paused.

15 13. The method of claim 12, further including:
16 receiving a fast forward signal to increase a rate of transmission of the video program;
17 and
18 transmitting, in response to the fast forward signal, video program at an increased rate
19 for presentation of an increased rate of display of the video program on the display device.

20 14. The method of claim 12, further including:

1 receiving a rewind signal to reverse a rate of transmission of the video program; and
2 transmitting, in response to the rewind signal, the video program at a reversed rate for
3 presentation of a reversed rate of display of the video program on the display device.

4 15. The method of claim 12, further including:

5 receiving a slow motion signal to decrease a rate of transmission of the video program;
6 and

7 transmitting, in response to the slow motion signal, the video program at an decreased
8 rate for presentation of a decreased rate of display of the video program on the display device.

9 16. The method of claim 1, further including:

10 receiving a frame forward signal to display a next frame of the video program; and
11 transmitting, in response to the frame forward signal, a next frame of the video program
12 for presentation of the next frame on the display device.

13 17. The method of claim 1, further including:

14 receiving a frame back signal to display a previous frame of the video program; and
15 transmitting, in response to the frame back signal, a previous frame of the video
16 program for presentation of the previous frame on the display device.

17 18. The method of claim 12, further including:

18 receiving a jump signal to display the video program from a current point of
19 transmission; and

20 transmitting, in response to the jump signal, the video program for presentation of the
21 video program from the current point of transmission on the display device.

1 19. The method of claim 1 wherein the receiving step includes receiving information to
2 associate with a particular phone number.

3 20. The method of claim 19 wherein the receiving information step includes receiving textual
4 information or graphical information.

5 21. The method of claim 19 wherein:
6 the detecting step includes detecting occurrence of an incoming telephone call
7 associated with the particular phone number; and
8 the outputting step includes outputting the signal for displaying the information
9 associated with the particular phone number.

10 22. An apparatus for automatically pausing a video program in response to an occurrence
11 of an event, comprising:
12 a receive module for receiving a video program and outputting the video program for
13 presentation on a display device;
14 a detection module for detecting occurrence of a communications event during the
15 video program;
16 a pause module for pausing the video program in response to the detection of the
17 occurrence of the communications event; and
18 an output module for outputting a signal for displaying an indication of the occurrence
19 of the communications event.

20 23. The apparatus of claim 22 wherein the detection module includes a module for
21 detecting an incoming telephone call.

1 24. The apparatus of claim 23 wherein the output module includes a module for outputting
2 the signal for displaying a telephone number associated with the incoming telephone call.

3 25. The apparatus of claim 24 wherein the output module includes a module for outputting
4 the signal for displaying a text message associated with the telephone number.

5 26. The apparatus of claim 24 wherein the output module includes a module for outputting
6 the signal for displaying a graphic associated with the telephone number.

7 27. The apparatus of claim 22 wherein the detection module includes a module for
8 detecting an incoming e-mail message.

9 28. The apparatus of claim 27 wherein the output module includes a module for outputting
10 the e-mail message for presentation on the display device.

11 29. The apparatus of claim 22 wherein the detection module includes a module for
12 detecting an incoming message.

13 30. The apparatus of claim 29 wherein the output module includes a module for outputting
14 the message for presentation on the display device.

15 31. The apparatus of claim 22 wherein the detection module includes a module for
16 detecting an incoming web page.

17 32. The apparatus of claim 31 wherein the output module includes a module for outputting
18 the web page for presentation on the display device.

1 33. The apparatus of claim 22, further including:
2 a module for receiving a play signal to restart the video program; and
3 a module for transmitting, in response to the play signal, the video program for
4 presentation on the display device starting at an approximate location where the video program
5 was paused.

6 34. The apparatus of claim 33, further including:
7 a module for receiving a fast forward signal to increase a rate of transmission of the
8 video program; and
9 a module for transmitting, in response to the fast forward signal, video program at an
10 increased rate for presentation of an increased rate of display of the video program on the
11 display device.

12 35. The apparatus of claim 33, further including:
13 a module for receiving a rewind signal to reverse a rate of transmission of the video
14 program; and
15 a module for transmitting, in response to the rewind signal, the video program at a
16 reversed rate for presentation of a reversed rate of display of the video program on the display
17 device.

18 36. The apparatus of claim 33, further including:
19 a module for receiving a slow motion signal to decrease a rate of transmission of the
20 video program; and
21 a module for transmitting, in response to the slow motion signal, the video program at
22 an decreased rate for presentation of a decreased rate of display of the video program on the
23 display device.

1 37. The apparatus of claim 22, further including:
2 a module for receiving a frame forward signal to display a next frame of the video
3 program; and
4 a module for transmitting, in response to the frame forward signal, a next frame of the
5 video program for presentation of the next frame on the display device.

6 38. The apparatus of claim 22, further including:
7 a module for receiving a frame back signal to display a previous frame of the video
8 program; and
9 a module for transmitting, in response to the frame back signal, a previous frame of the
10 video program for presentation of the previous frame on the display device.

11 39. The apparatus of claim 33, further including:
12 a module for receiving a jump signal to display the video program from a current point
13 of transmission; and
14 a module for transmitting, in response to the jump signal, the video program for
15 presentation of the video program from the current point of transmission on the display device.

16 40. The apparatus of claim 22 wherein the receive module includes a module for receiving
17 information to associate with a particular phone number.

18 41. The apparatus of claim 40 wherein the module for receiving information includes a
19 module for receiving textual information or graphical information.

20 42. The apparatus of claim 40 wherein:
21 the detection module includes a module for detecting occurrence of an incoming
22 telephone call associated with the particular phone number; and

1 the output module includes a module for outputting the signal for displaying the
2 information associated with the particular phone number.

3 43. A computer program product, comprising:
4 a computer-readable medium containing instructions for controlling a computer system
5 to perform a method for automatically pausing a video program in response to an occurrence
6 of an event, the method including:
7 receiving a video program and outputting the video program for presentation on a
8 display device;
9 detecting occurrence of a communications event during the video program;
10 pausing the video program in response to the detection of the occurrence of the
11 communications event; and
12 outputting a signal for displaying an indication of the occurrence of the communications
13 event.

14 44. The computer program product of claim 43 wherein the detecting step includes
15 detecting an incoming telephone call.

16 45. The computer program product of claim 44 wherein the outputting the signal step
17 includes outputting the signal for displaying a telephone number associated with the incoming
18 telephone call.

19 46. The computer program product of claim 45 wherein the outputting the signal step
20 includes outputting the signal for displaying a text message associated with the telephone
21 number.

1 47. The computer program product of claim 45 wherein the outputting the signal step
2 includes outputting the signal for displaying a graphic associated with the telephone number.

3 48. The computer program product of claim 43 wherein the detecting step includes
4 detecting an incoming e-mail message.

5 49. The computer program product of claim 48 wherein the outputting the signal step
6 includes outputting the e-mail message for presentation on the display device.

7 50. The computer program product of claim 43 wherein the detecting step includes
8 detecting an incoming message.

9 51. The computer program product of claim 50 wherein the outputting the signal step
10 includes outputting the message for presentation on the display device.

11 52. The computer program product of claim 43 wherein the detecting step includes
12 detecting an incoming web page.

13 53. The computer program product of claim 52 wherein the outputting step includes
14 outputting the web page for presentation on the display device.

15 54. The computer program product of claim 43, further including:
16 receiving a play signal to restart the video program; and
17 transmitting, in response to the play signal, the video program for presentation on the
18 display device starting at an approximate location where the video program was paused.

19 55. The computer program product of claim 54, further including:

1 receiving a fast forward signal to increase a rate of transmission of the video program;
2 and
3 transmitting, in response to the fast forward signal, video program at an increased rate
4 for presentation of an increased rate of display of the video program on the display device.

5 56. The computer program product of claim 54, further including:
6 receiving a rewind signal to reverse a rate of transmission of the video program; and
7 transmitting, in response to the rewind signal, the video program at a reversed rate for
8 presentation of a reversed rate of display of the video program on the display device.

9 57. The computer program product of claim 54, further including:
10 receiving a slow motion signal to decrease a rate of transmission of the video program;
11 and
12 transmitting, in response to the slow motion signal, the video program at an decreased
13 rate for presentation of a decreased rate of display of the video program on the display device.

14 58. The computer program product of claim 43, further including:
15 receiving a frame forward signal to display a next frame of the video program; and
16 transmitting, in response to the frame forward signal, a next frame of the video program
17 for presentation of the next frame on the display device.

18 59. The computer program product of claim 43, further including:
19 receiving a frame back signal to display a previous frame of the video program; and
20 transmitting, in response to the frame back signal, a previous frame of the video
21 program for presentation of the previous frame on the display device.

22 60. The computer program product of claim 54, further including:

1 receiving a jump signal to display the video program from a current point of
2 transmission; and

3 transmitting, in response to the jump signal, the video program for presentation of the
4 video program from the current point of transmission on the display device.

5 61. The computer program product of claim 43 wherein the receiving step includes
6 receiving information to associate with a particular phone number.

7 62. The computer program product of claim 61 wherein the receiving information step
8 includes receiving textual information or graphical information.

9 63. The computer program product of claim 61 wherein:
10 the detecting step includes detecting occurrence of an incoming telephone call
11 associated with the particular phone number; and
12 the outputting step includes outputting the signal for displaying the information
13 associated with the particular phone number.

14 64. A method for automatically pausing a video program in response to an occurrence of
15 an event, comprising:

16 receiving a video program and outputting the video program for presentation on a
17 display device;

18 detecting occurrence of a communications event during the video program;

19 displaying an indication of the communications event;

20 detecting a triggering event related to the communications event; and

21 pausing the video program in response to the detection of the triggering event.

22 65. The method of claim 64 wherein the displaying step includes displaying an icon.

1 66. The method of claim 64 wherein the displaying step includes displaying an overlay menu
2 or a hidden menu.

3 67. The method of claim 64 wherein the displaying step includes displaying an indication
4 of a phone call, e-mail message, message, or web page.

5 68. The method 64 wherein the detecting the triggering event step includes detecting a
6 phone off-hook condition, selection of an e-mail indication, selection of a message indication,
7 or selection of a web page indication.

8 69. A system for automatically pausing a video program in response to an occurrence of
9 an event, comprising:

10 a receive module for receiving a video program and outputting the video program for
11 presentation on a display device;

12 a detection module for detecting occurrence of a communications event during the
13 video program;

14 a display module for displaying an indication of the communications event;

15 a detection module for detecting a triggering event related to the communications event;

16 and

17 a pause module for pausing the video program in response to the detection of the
18 triggering event.

19 70. The system of claim 69 wherein the displaying module includes a module for displaying
20 an icon.

21 71. The system of claim 69 wherein the displaying module includes a module for displaying
22 an overlay or a hidden menu.

1 72. The system of claim 69 wherein the displaying module includes a module for displaying
2 an indication of a phone call, e-mail message, message, or web page.

3 73. The system of claim 69 wherein the detecting the triggering event module includes a
4 module for detecting a phone off-hook condition, selection of an e-mail indication, selection of
5 a message indication, or selection of a web page indication.

6 74. A computer program product, comprising:
7 a computer-readable medium containing instructions for controlling a computer system
8 to perform a method for automatically pausing a video program in response to an occurrence
9 of an event, the method including:
10 receiving a video program and outputting the video program for presentation on a
11 display device;
12 detecting occurrence of a communications event during the video program;
13 displaying an indication of the communications event;
14 detecting a triggering event related to the communications event; and
15 pausing the video program in response to the detection of the triggering event.

16 75. The computer program product of claim 74 wherein the displaying step includes
17 displaying an icon.

18 76. The computer program product of claim 74 wherein the displaying step includes
19 displaying an overlay or a hidden menu.

20 77. The computer program product of claim 74 wherein the displaying step includes
21 displaying an indication of a phone call, e-mail message, message, or web page.

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